

Title (en)

Process for the preparation of carbon monoxide and hydrogen.

Title (de)

Verfahren zur Herstellung von Kohlenmonoxid und Wasserstoff.

Title (fr)

Procédé pour la préparation du monoxyde de carbon et de l'hydrogène.

Publication

EP 0645344 A1 19950329 (EN)

Application

EP 94202702 A 19940921

Priority

- EP 94202702 A 19940921
- EP 93202748 A 19930923

Abstract (en)

A process for the preparation of carbon monoxide and hydrogen by the partial oxidation of a hydrocarbon comprises contacting a feed comprising the hydrocarbon, carbon dioxide and an oxygen-containing gas with a catalyst comprising a metal selected from Group VIII of the Periodic Table of the Elements at a gas hourly space velocity of at least 500,000 NI/kg/hr.

IPC 1-7

C01B 3/38

IPC 8 full level

C01B 3/38 (2006.01); **B01J 23/40** (2006.01); **B01J 23/46** (2006.01); **B01J 23/74** (2006.01); **C01B 3/26** (2006.01); **C01B 3/36** (2006.01); **C01B 3/40** (2006.01); **C01B 3/50** (2006.01); **C01B 32/40** (2017.01)

IPC 8 main group level

B01J (2006.01); **C01B** (2006.01)

CPC (source: EP KR)

C01B 3/36 (2013.01 - KR); **C01B 3/386** (2013.01 - EP KR); **C01B 3/40** (2013.01 - KR); **C01B 2203/0261** (2013.01 - EP KR); **C01B 2203/061** (2013.01 - EP); **C01B 2203/062** (2013.01 - EP); **C01B 2203/1011** (2013.01 - EP); **C01B 2203/1029** (2013.01 - EP KR); **C01B 2203/1047** (2013.01 - EP); **C01B 2203/1064** (2013.01 - EP KR); **C01B 2203/1082** (2013.01 - EP); **C01B 2203/1241** (2013.01 - EP); **Y02P 20/52** (2015.11 - EP)

Citation (search report)

- [PX] EP 0576096 A2 19931229 - SHELL INT RESEARCH [NL]
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